

**Amendments to the Claims:**

The following claims will replace all prior versions of the claims in this application (in the unlikely event that no claims follow herein, the previously pending claims will remain):

1. (Currently amended) Process for producing a multilayer flat film containing a polyamide layer and a layer of another polymer, ~~characterized in that~~ wherein the polyamide layer is essentially formed from an intrinsically gel-free, randomly branched ~~polyamides~~ polyamide at least composed of units derived from:

- a. AB monomers, which are understood to be a monomer possessing both a carboxylic acid group (A) and an amine group (B),
- b. at least one compound 1, being a carboxylic acid ( $A_v$ ) with functionality  $v \geq 2$  or an amine ( $B_w$ ) with functionality  $w \geq 2$ ,
- c. at least one compound II, being a carboxylic acid ( $A_v$ ) with functionality  $v \geq 3$  or an amine ( $B_w$ ) with functionality  $w \geq 3$ , with compound II being a carboxylic acid if compound I is an amine is or with compound II being an amine if compound I is a carboxylic acid, wherein the amounts of units derived from all carboxylic acids and amines in the polyamide satisfy formula 1

$$P < 1 / [(F_A - 1) \cdot (F_B - 1)] \quad (1)$$

where:

$$P = [\sum(\eta_i \cdot f_i)]_X / [\sum(\eta_i \cdot f_i)]_Y \quad (2)$$

where  $P \leq 1$  and either  $X = A$  and  $Y = B$  or  $X = B$  and  $Y = A$  and

$$F = \sum(\eta_i \cdot f_i^2) / \sum(\eta_i \cdot f_i) \quad (3)$$

for, respectively, all carboxylic acids ( $F_A$ ) and amines ( $F_B$ ), wherein  $f_i$  is the functionality of a carboxylic acid ( $v_i$ ) or amine ( $w_i$ ),  $\eta_i$  is the number of moles of a carboxylic acid or amine and

the summation is conducted for all units derived from carboxylic acids and amines in the polyamide.

2. (Currently amended) Process according to claim 1, wherein the other polymer is polyethylene.
3. (Currently amended) Process according to claim 2, wherein the polyethylene is a non-linear polyethylene.
4. (Currently amended) Process according to ~~any one of claims 1-3~~ claim 1, wherein the polyamide layer and the layer of the other polymer are adjacent to each other.
5. (Currently amended) Multilayer flat film containing a polyamide layer and a layer of another polymer, ~~characterized in that~~ wherein the polyamide layer is essentially formed from an intrinsically gel-free, randomly branched ~~polyamides~~ polyamide at least composed of units derived from:
  - a. AB monomers, which are understood to be a monomer possessing both a carboxylic acid group (A) and an amine group (B),
  - b. at least one compound I, being a carboxylic acid ( $A_v$ ) with functionality  $v \geq 2$  or an amine ( $B_w$ ) with functionality  $w \geq 2$ ,
  - c. at least one compound II, being a carboxylic acid ( $A_v$ ) with functionality  $v \geq 3$  or an amine ( $B_w$ ) with functionality  $w \geq 3$ , with compound II being a carboxylic acid if compound I is an amine is or with compound II being an amine if compound I is a carboxylic acid, wherein the amounts of units derived from all carboxylic acids and amines in the polyamide satisfy formula 1

$$P < 1 / [(F_A - 1) \cdot (F_B - 1)] \quad (1)$$

where:

$$P = [\Sigma(\eta_i \cdot f_i)]_X / [\Sigma(\eta_i \cdot f_i)]_Y \quad (2)$$

where  $P \leq 1$  and either  $X = A$  and  $Y = B$  or  $X = B$  and  $Y = A$  and

$$F = \Sigma (\eta_i \cdot f_i^2) / \Sigma(\eta_i \cdot f_i) \quad (3)$$

for, respectively, all carboxylic acids ( $F_A$ ) and amines ( $F_B$ ), wherein  $f_i$  is the functionality of a carboxylic acid ( $v_i$ ) or amine ( $w_i$ ),  $\eta_i$  is the number of moles of a carboxylic acid or amine and the summation is conducted for all units derived from carboxylic acids and amines in the polyamide.